

FILE 16591-03

7. HINZIE - IPP

QUALITY ASSURANCE OFFICE
INSPECTION REPORT

JOB Intermountain Generating Station
Modify Burners for U-1 & U-2

CONTRACTOR Babcock & Wilcox Co. LOCATION Paris, Texas

LEAD ENGINEER Mr. Rafi Krikorian LOCATION GOB

SPO NOS. --- ITEMS COVERED Coal Burners

ACTIVITY Shop Inspection REPORT PERIOD 2/19-2/21/92 REPORT 3

QA CHARGE NCY54
MEP D-5706
AFE NCY54

SUMMARY

Work Progress and Quality

Work at Babcock and Wilcox's (B&W) Paris, Texas shop is progressing satisfactorily on the fabrication of replacement burners for IPP Unit #1. Some indications of a drop in quality have surfaced.

More Significant Items

Deficiencies in the assembly of the burners have been noted during this inspection. B&W has been made aware of these conditions through both B&W production and Quality Assurance. Corrective steps are underway.

Schedule Status

Fabrication and the first shipment are approximately one week ahead of schedule.

DETAILED REPORT

During the period of February 19-21, 1992 a QA inspection trip was made to the Paris, Texas shop of Babcock & Wilcox, Co. (B&W). The purpose of this trip was to inspect the new coal burners for IPP Unit #1.

A final inspection of four clockwise (CW) and four counterclockwise (CCW) burners was made and all eight were released for shipping. There were no unacceptable conditions noted in these first new burners. Mr. Chuck Finnigan, DWP engineer at IPP was notified that the first two truck loads of burners would be at the site Monday, 2/24/92.

J. E. Avery 2/25/92

JRH
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INSPECTION
REPORT # 3

During an in process inspection by the DWP QA engineer several items of concern were noted. The B&W shop is into the 15th burner assembly and some fabrication errors have started to appear. Some of these errors are as follows:

- ° Visually unacceptable welds on the air zone damper vane shafts to operating linkage.
- ° Flame cut holes in the wrong locations.
- ° Burner base plate to ring assembly welded incorrectly when tack welds broke and condition was not caught.
- ° Air register vane found with two welds missing.
- ° Gusset plate fit and welded into too large a gap.

These conditions were brought to the attention of Mr. Jim Track, Service Manager - Burner Parts. It was explained to Mr. Track that the DWP QA engineer was concerned that the previously good quality level was starting to slip. Mr. Track reported to the DWP QA engineer that these problems seemed to be centered on the second shift. An additional supervisor has been added to the that shift to more closely monitor the work.

A meeting was held with Mr. Jerry Langley, QA supervisor for the burner and pulveriser area. The deficiencies noted above were discussed. Mr. Langley said that he would have his inspectors increase their spot inspections in the assembly area.

As of this reporting period three CW and one CCW burners have been cleared by B&W's QA and have been painted and set on their shipping pallets.

A total of 8 burners should be ready to ship by the middle of the week of February 24, 1992. B&W is about one week ahead of schedule in shipping and fabrication.

JEA:wlm

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